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Search Results -

Term	Documents
NETWORK	276266
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(10 AND NETWORK).USPT.	0
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Database:
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```

Search: `L11`

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Search History

DATE: Monday, August 23, 2004   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT; PLUR=YES; OP=ADJ			
L11	network and L10	0	L11
L10	(automobile cigarette lighter) same car	17	L10
L9	(automobile cigarette lighter) same car and network	0	L9
L8	(automobile cigarette lighter) same car and network and internet	0	L8
L7	automobile cigarette lighter	246	L7
L6	12 and lighter$3	0	L6
L5	geographic$2 same wireless same threshold$ and browser$ and (internet or ip)	2	L5
L4	geographic$2 same wireless same threshold$ same browser$	0	L4

L3	geographic$2 same wireless same threshold$ same browser$ and internet	0	L3
L2	geographic$2 same wireless same threshold$ same loss	2	L2
L1	geographic$2 same wireless same threshold$	47	L1

END OF SEARCH HISTORY

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L2: Entry 1 of 2   File: USPT ·   Feb 18, 2003

DOCUMENT-IDENTIFIER: US 6522888 B1
TITLE: System for determining wireless coverage using location information for a
wireless unit

Detailed Description Text (28):
FIGS. 6A and 6B show an example of how the system using the RF coverage database
can provide correction of poor service resulting from an increase in path loss in a
particular coverage area. For example, if location information with associated
information is collected over a period of time, an RF coverage database or map is
generated which includes an RF coverage area 130. In this embodiment, the base
station for sector or face 1 of Cell A uses frequency F1 in the RF coverage area
130. Although Cell B does not use frequency F1, the base station(s) for Cell B has
been collecting data on frequency F1 in the RF coverage area 130. As shown in FIG.
6B, as time passes a building or obstruction 132 is erected at position P1 which
changes the RF coverage for frequency F1 from Cell A because the obstruction 132
interferes with the signals at frequency F1 in the geographic region 133. The
obstruction 132 could also be a cluster of trees in the spring and summer which
have grown leaves. Since the RF database is constantly being updated with serving
cell and wireless unit signal information by location, at some point the coverage
area 130 for Cell A at frequency F1 changes to the RF coverage area 134. A call
being established at a position in the coverage area 130 but falling out of the new
coverage area 134 would be handled by a neighbor cell, such as Cell B, which has
monitored the RF coverage area 130, and the MSC 58 has determined based on an
analysis of the measurements by location between Cells A and B that Cell B should
handle calls established at positions within the coverage area 130 but outside the
new coverage area 134. For example, for a given set of parameters, the positions in
the area 133 can be designated as being covered by Cell B rather than Cell A if the
signal quality measurements for Cell B in the area 133 are consistently greater
than a threshold and/or than the signal quality measurements of the Cell A in the
area 133 or if the path loss from Cell B to the positions in area 133 is determined
to be less than the path loss from Cell A to the positions in area 133.
Alternatively, by analyzing the information by position and another parameter, such
as frequency, the MSC 56 can determine a frequency F2 at which the Cell A and/or
Cell B can service wireless units in the positions 133 within the coverage area 130
but outside the coverage area 134.

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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 6522888 B1

L2: Entry 1 of 2   File: USPT   Feb 18, 2003

US-PAT-NO: 6522888
DOCUMENT-IDENTIFIER: US 6522888 B1

TITLE: System for determining wireless coverage using location information for a wireless unit

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw De |

☐ 2. Document ID: US 6505114 B2

L2: Entry 2 of 2   File: USPT   Jan 7, 2003

US-PAT-NO: 6505114
DOCUMENT-IDENTIFIER: US 6505114 B2

TITLE: Traffic monitoring system and method

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw De |

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Term	Documents
WIRELESS	52158
WIRELESSES	10
LOSS	509435
LOSSES	139697
GEOGRAPHIC$2	0
GEOGRAPHIC	17966
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| (GEOGRAPHIC$2 SAME WIRELESS SAME THRESHOLD$ SAME LOSS).USPT. | 2 |

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